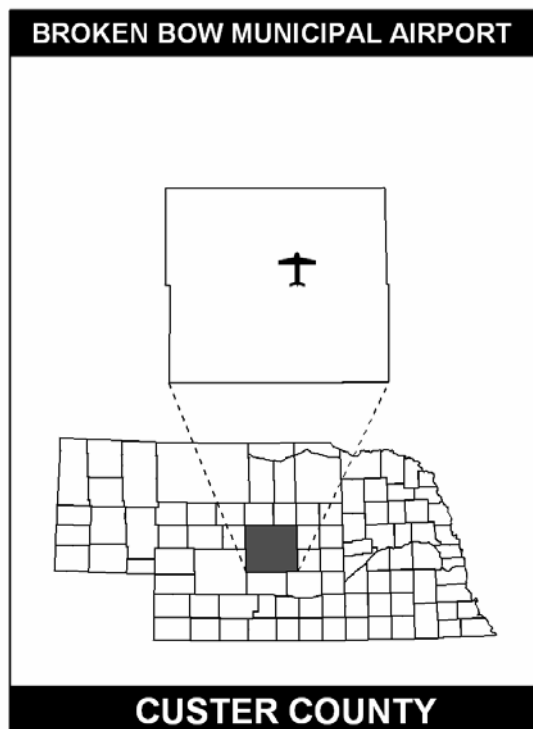


Airport Location

Broken Bow Municipal Airport is located two miles north of Broken Bow, Nebraska, in Custer County. Broken Bow has a population of 3,492. The 181-acre airport opened in 1937. The primary runway, Runway 14/32, is a concrete runway measuring 4,203 feet in length and 75 feet in width. Major employers in the area include Becton Dickinson Medical Supplies, Sargent Pipe Co., Adams Land & Cattle Company, and Melham Memorial Hospital. Local attractions include the Custer County Historical Museum.

The airport, with 11 based aircraft, experiences approximately 7,162 aircraft operations annually.

**Economic Impact**

Economic impacts at an airport are measured through employment, payroll, and output (spending). On-airport business and government activities (direct impacts) account for a significant portion of an airport's first round

economic benefits. Additional first round benefits are also linked to visitors who arrive via the State's system of airports (indirect impacts). Spending by these visitors supports additional employment and associated annual payroll. These first round impacts create additional spin-off benefits that ripple through the economy. The secondary or induced benefits were measured with Nebraska-specific IMPLAN multipliers. When combined, first round and secondary benefits equal the total economic impact associated with each airport.

First Round Impact

In 2002, there were five aviation-related tenants on the airport, including airport management, who supported seven employees. These tenants' direct or first round employment, payroll, and output impacts were derived from survey data. Direct output from all on-airport aviation-related tenants is estimated at \$1.47 million annually. The estimated direct annual payroll of these tenants is \$178,200. Operational data indicated that approximately 490 visitors used the airport. Visitor-related spending supported one additional full-time job for an employee earning approximately \$20,000 annually. Indirect output from general aviation visitors is estimated at \$32,300.

Secondary Impact

The first round impacts associated with on-airport tenants and general aviation visitors also create secondary impacts throughout the State. Secondary impacts are induced impacts calculated using the Nebraska specific IMPLAN multipliers. The accompanying table presents the 2002 first round, secondary, and total impacts for output, payroll, and employment as they relate to on-airport tenants and general aviation visitors.

Total Impact

For 2002, the total output (including first round and secondary impacts) stemming from all on-airport tenants and general aviation visitors to Broken Bow Municipal Airport was approximately \$2.29 million. Total full-time employment related to airport tenants and general aviation visitors, including all secondary impacts, is estimated at approximately 14 persons, with a total annual payroll (first round and secondary) of approximately \$301,000 associated with these jobs.

Other Benefits

In addition to the economic benefits described above, Broken Bow Municipal Airport provides several services to the local community. The airport is primarily a base for recreational uses and for agricultural application. The airport is located in the Sand Hills region, an area noted for livestock production and outdoors activities such as hunting and fishing. A Fixed Base Operator (FBO) provides aircraft maintenance and services to the community's pilots. A UPS contract carrier provides the community with access to express shipping services. The airport is sometimes used as a base for rangeland firefighting efforts, and provides the community with important access to the State's medical system.

A survey of over 100 hospitals in Nebraska gathered data to obtain information relating to how often hospitals use airports in Nebraska to bring specialists from out of the area, as well as how often airports are used for patient transfer. Survey data indicated Melham Medical Center uses the airport six times a year to bring doctors and specialists to the hospital to conduct clinics.

Summary

On an annual basis, Broken Bow Municipal Airport currently provides the following total benefits:

| Broken Bow Municipal | | | |
|-----------------------------|-----------------|-----------------|--------------------|
| EMPLOYMENT | | | |
| | First Round | Secondary | Total |
| On-Airport Activity | 7 | 5 | 12 |
| GA Visitors | <u>1</u> | <u>1</u> | <u>2</u> |
| Total | 8 | 6 | 14 |
| PAYROLL | | | |
| | First Round | Secondary | Total |
| On-Airport Activity | \$178,200 | \$91,400 | \$269,600 |
| GA Visitors | <u>\$20,000</u> | <u>\$11,400</u> | <u>\$31,400</u> |
| Total | \$198,200 | \$102,800 | \$301,000 |
| OUTPUT | | | |
| | First Round | Secondary | Total |
| On-Airport Activity | \$1,478,000 | \$757,900 | \$2,235,900 |
| GA Visitors | <u>\$32,300</u> | <u>\$19,600</u> | <u>\$51,900</u> |
| Total | \$1,510,300 | \$777,500 | \$2,287,800 |

Source: Wilbur Smith Associates & IMPLAN multipliers

In a year's time, capital improvement related construction spending at airports in Nebraska typically produce the following impacts:

| Construction Impacts - Per \$100,000 in CIP Spending | | | |
|---|--------------------|------------------|--------------|
| | First-Round Impact | Secondary Impact | Total Impact |
| Employment | 1.8 | 2.3 | 4.1 |
| Payroll | \$55,264 | \$41,206 | \$96,470 |
| Output | \$100,000 | \$70,250 | \$170,250 |

Source: Wilbur Smith Associates, Inc. & IMPLAN multipliers